

AVOX SYSTEMS 358 CREW MASK SYSTEMS

The AVOX Systems 358 series crew mask systems have been accepted by many of the world's commercial air carriers as one of the best values in crew protection on the market today. Proven dependability, ease of use and maintenance, and reasonable cost are the principal

reasons for its years of success. When used in combination with an approved panel-mounted oxygen regulator (like the AVOX Systems 28000 series) and the AVOX Systems 322-70 smoke goggles, the 358 mask system meets all the applicable FAA TSO's (C78, C99).



The AVOX Systems 358 series crew mask systems are the only masks in their class that allow for complete versatility in ordering. The customer can literally design his own system, within the options available in the ordering matrix, to meet his own specific needs.

They are available throughout AVOX Systems' worldwide distribution network, and are serviced for life extension at all of our authorized repair and overhaul centers. Contact AVOX Systems for a complete listing.



Oxygen and life support

Oxygen and life support



358 Series Airline Crew Oxygen Mask



More than forty of the world's major airlines have selected the AVOX Systems 358 Series folding Quik-Don® masks. They appreciate the rugged suspension and low maintenance costs, the comfortable silicone face seal, and the physiological excellence.

Outstanding Features

- Rugged aluminum suspension and valve assembly designed for low maintenance costs.
- Face seal and nape pad are made of supple silicone for increased comfort.
- Design is based on USAF type face seal that has universal pilot acceptance.
- FAA Report AM66-20 relates physiological excellence in tests on live subjects.
- Approved by FAA TSO-C78/C99 and air frame manufacturers for use on all Boeing 700 Series transports; Douglas DC-8, DC-9 and DC-10; the Lockheed L-1011 and Jetstar; Grumman GI and GII; Rockwell Sabreliners; HS 125; Gates Lear Jet and other executive jet aircraft.

WARNING

IMPROPER USE OR IMPROPER MAINTENANCE OF THIS EQUIPMENT MAY RESULT IN SERIOUS INJURY OR DEATH.

THIS EQUIPMENT IS INTENDED TO BE USED ONLY BY, OR UNDER THE SUPERVISION OF, A PILOT OR CREW MEMBER TRAINED AND QUALIFIED IN ITS USE.

THIS EQUIPMENT IS TO BE SERVICED ONLY IN ACCORDANCE WITH THE APPLICABLE COMPONENT MAINTENANCE MANUAL AVAILABLE FROM AVOX SYSTEMS AND ONLY BY SERVICE TECHNICIANS TRAINED IN THE INHERENT HAZARDS OF HIGH PRESSURE AVIATION OXYGEN AND KNOWLEDGEABLE IN THIS EQUIPMENT. THE NAMES

OF AUTHORIZED SERVICE CENTERS ARE AVAILABLE FROM AVOX SYSTEMS OR YOUR AUTHORIZED AVOX SYSTEMS DISTRIBUTOR.

THIS EQUIPMENT IS TO BE USED ONLY WITH AVIATOR'S BREATHING OXYGEN MEETING THE REQUIREMENTS OF MIL-PRF-27210.

NOTE: Masks have not been FAA TSO qualified for wear over beards or heavy facial hair growth. Facial hair that crosses sealing surfaces can seriously degrade the performance of these masks.



AVOX Systems

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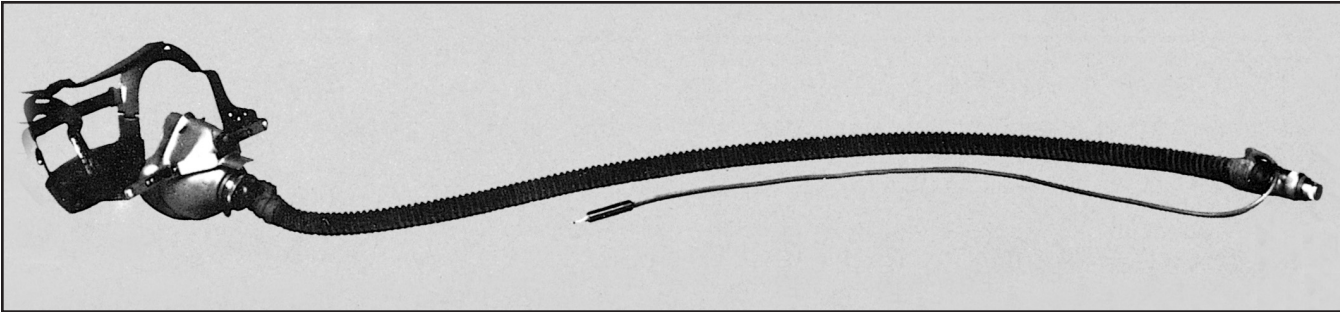


SAE AS9100

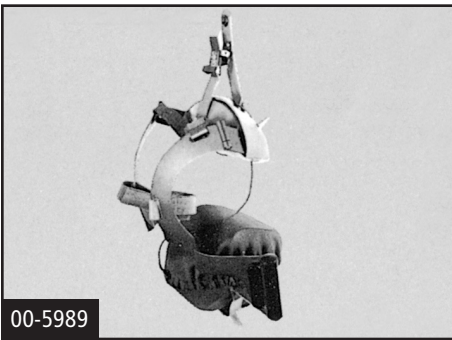
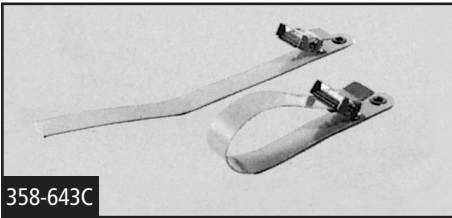
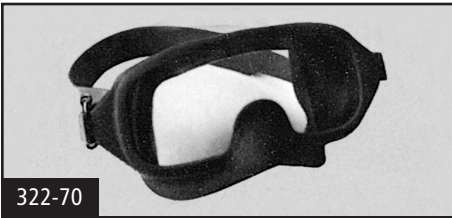
AIRCRAFT SYSTEMS SEGMENT

358 Series Airline Crew Oxygen Mask

Accessories for use with a AVOX Systems QUIK-DON® and SPE-DON 358 Series Crew Oxygen Masks



The AVOX Systems Folding Quik-Don Assembly is available with two types of face masks. Both are featured in one universal size, and both are molded from silicone rubber for comfort. The 358-1002V model has narrow cheek flaps and is widely used on commercial jet transport aircraft. The 358-1030V model has wide cheek flaps with an extra wide face seal flange. The Spe-Don Mask includes a flexible strap suspension and is available in one universal-fit size. All masks are provided with the Vent-Valve System, and are available with smoke goggles.

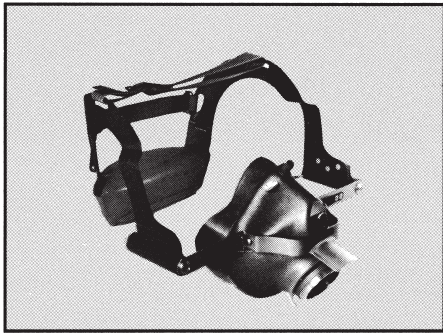


Accessories	Part Number	Description
Smoke Goggles	322-70	Provides panoramic viewing and fits over eye glasses. Designed for use with the folding Quik-Don and Spe-Don Masks. Complies with TSO-C99 for protective breathing equipment when worn with AVOX Systems 358 series vented mask.
Quick Release Holding Strap	358-643C	The quick release mask holder strap provides secure mounting of the oxygen mask in stowed position while permitting very rapid mask removal during donning procedure.
Dust Cover	00-5989	The dust cover protects the inside of the mask face piece from dust, dirt and contaminants while in the stowed position and releases automatically when the mask is removed during the quick donning procedure.

Vent-Valve System

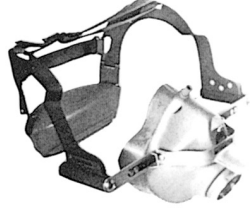
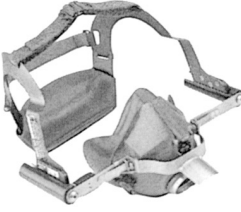
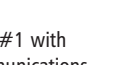
In emergency situations where smoke or noxious fumes are present, the smoke goggle cavity can become contaminated and reduce the effectiveness of pilots and other crew members. The AVOX Systems Vent-Valve System is designed to combat this problem. Operated by a manual push-pull control knob located on the nose piece of the mask, the vent-valve diverts a small amount of the oxygen flow from the mask into the goggle area, raising the pressure

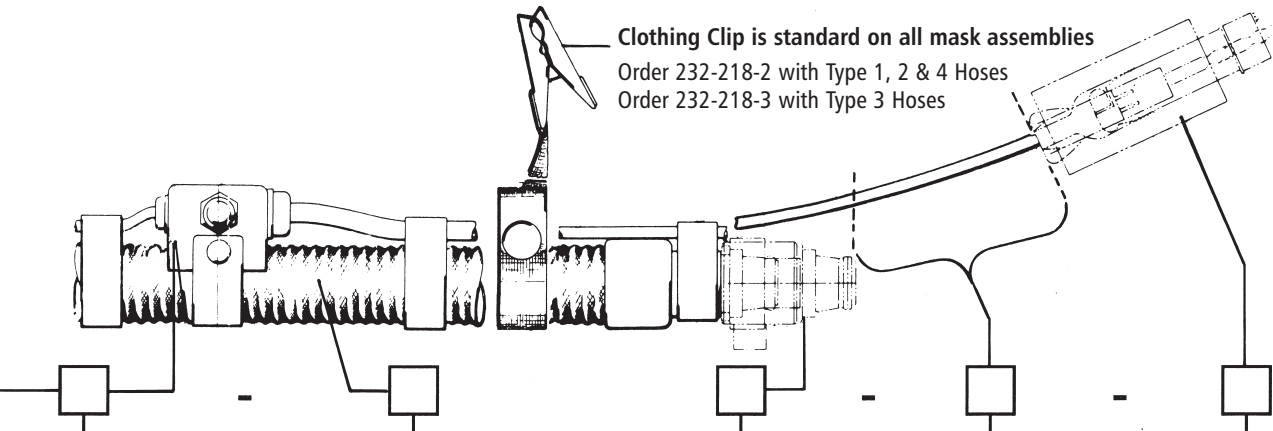
and purging smoke or fumes to the outside. Only a very small quantity of oxygen is diverted to the goggles by the vent-valve, the amount being dependent on the level of positive pressure produced in the mask by the regulator. The use of this small quantity of oxygen for keeping goggles clear does not affect the oxygen supply duration required by government regulations. The use of vented smoke goggles is required for TSO-C99 approval.

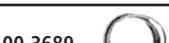
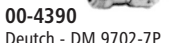


Ordering Information

By specifying the number of the item you prefer from each column of the building blocks shown below, you can order the mask that suits your purposes exactly. An example is displayed in the Press-to-Talk block.

Mask & Suspension	Microphones	Microphone Brackets	Pressure Demand Breathing Valve
 C. 358-1002V Folding Quik-Don with Vent-Valve Narrow Face Seal	 1. 6232-00 Carbon, 100 ohms, ANB-M-C1	 1. 232-32 Stand-Up Type (SMB)	 1. 211-165 Straight Valve
	 2. 00-7318 Dynamic, 5 ohms	 2. 232-658B In-Line Type (ILMB)	
 G. 358-1030V Folding Quik-Don with Vent-Valve Wide Face Seal	 3. 00-779 Dynamic, 250 ohms	 3. 358-27 Stand-Up (use with #4 Mic only)	 2. 211-270 Bent Valve
	 4. 00-861 Dynamic, 3.5 ohms	 4. 232-658B-1 In-Line Type (use with #6 Mic only)	
 N. 358-1458V Spe-Don with Vent-Valve	 6. 232-685-1 Dynamic, 7 ohms, M-101AIC	 5. 358-28 Stand-Up (use with #3 Mic only)	 3. 211-162 Same as #1 with No Communications
	 7. 00-4386 Dynamic, 200 ohms, Holmberg		
	 8. 232-685-3 Same as No.6 w/AM-4326B/A Pre-Amp	 6. 232-803 In-Line (use with #8 Mic)	 4. 211-190 Use w/Sabre Mask Mounted Regulator



Press-To-Talk And/Or Pre-Amp	Hoses	Oxygen Hose Connectors	Microphone Cable Pigtail Length in Inches	Communications Connectors
0. Neither P-T-T nor Pre-Amp  1. 232-253 P-T-T Switch, non-locking	0. None No Hose  1. Nylon Covered Non-Crush Vinyl Part No. Lgth. 1A 232-617 12" 1B 232-861 19" 1C 232-45 42" 1D 232-141 48" 1E 232-46 60" 1F 232-279 66" 1G 232-283 72" 1H 232-481 120"  2. Type MS22055H Hose Part No. Lgth. 2A 00-5018 42" 2B 00-3913 48" 2C 00-3826 60" 2D 00-3557 66" 2E 00-474 72" 2G 00-4006 18" 2H 00-3911 24" 2J 00-4174 12" 2K 00-3912 36"  3. Convuluted Silicone Rubber Part No. Lgth. 4A 249-06 13 1/2" Silicone 4B 500-279 17 1/2" Silicone	0. None No Hose Connector  1. 232-246 Quick Release w/ Disconnect Warning & Decompression Relief  2. 232-94A Quick Release w/ Disconnect Warning	Enter in this block the length, in inches, of additional amount of microphone cable needed, over and above the length of the hose assembly. This allows for tailoring the communications assembly to your specific needs.	0. None No Connector  1. 13881-01 Type PJ-068  2. 00-642 Type PJ-292 (for use with Type 3 Hoses)  3. 00-953 Type XLR-4-12C  4. 00-780 Type XLR-4-12C w/Pre-Amp 63" Cable (use w/#4 Mic)  5. 00-3689 Type PJ-068 w/Pre-Amp –100" Cable  * 6. 00-3608 Type PJ-291  8. 00-3887 Type PJ-068 w/Pre-Amp–No Cable  9. 00-1686 Type U-174/U  * A. 00-961 Type U-172/U  * B. 00-850 Type U-173/U  * D. 00-4390 Deutch - DM 9702-7P
3. Both – P-T-T & Pre-Amp Example– Building Block Code No. This Code No.: 358-C 1221-2B2-10-1				
Orders a mask with the following: 358=Basic Mask Series Number C=358-1002V Mask & Suspension 1=6232-00 100 ohm Carbon Mic 2= 232-658B In-Line Mic Bracket 2=211-270 Valve 1=232-253 Press-to-Talk Switch 2B=00-3913 48" Hose 2=232-94A Quick Disconnect Hose Connector 10=10" Mic Wire Pigtail 1=13881-01 Type PJ-068 Communication Plug				

*Do not use with Type 3 Hoses